

# Customizing the Web Viewer

The Entire Screen Builder Web Viewer runs in the browser of a client workstation. It runs in any browser which supports ActiveX controls (for example, Microsoft Internet Explorer Version 5).

This chapter covers the following topics:

- General Information
  - HTML Page
- 

## General Information

After installation, the example HTML pages *ExampleAdministratorPage.htm* and *ExampleEndUserPage.htm* can be found in the Entire Screen Builder folder *web viewer*. These pages need to be customized by the administrator.

To make the Web Viewer available to all users in your environment, copy the file *NWWClientFull.cab* and your customized HTML pages to the HTTP server. No installation is required on a client workstation. Inform all users of the URL that is to be used to open the end-user HTML page.

**Note:**

*NWWClientFull.cab* is a signed CAB file that is certified by the VeriSign company.

*NWWClientFull-unsigned.cab* can also be used if you want to use signing different from VeriSign.

When a browser supporting ActiveX controls opens the HTML page for the first time, it automatically downloads and installs the ActiveX control on the local PC. This control is downloaded and installed only once. Later when the same HTML page is opened again, the control is not downloaded again. The browser only downloads it once more, when the version number of the ActiveX control has changed.

**Important:**

Make sure that the security settings of your browser allow you to download and run ActiveX controls.

## HTML Page

In addition to your script (e.g. JavaScript or VBScript), the HTML page must contain the following:

```
<object
id="cControl"
classid="CLSID:3BB4FE3B-7A37-11D3-A41E-0060080C03B3"
codebase="<URI>NWWClientFull.cab#Version=5,2,1,0"
align="baseline" border="0" width="800" height="600">
    <param name="BACKGROUND" value="192,192,192">
    <param name="EMBEDDED" value="1">
    <param name="SERVER" value="localhost">
    <param name="PORT" value="22367">
    <param name="CONNECTION" value="1">
    <param name="ANONYMOUS" value="1">
    <param name="REPOSITORY" value="ESB_Repository">
    <a name="control">Your browser doesn't support ActiveX controls </a>
</object>
```

### Id Attribute

You can specify any value for the `id` attribute. This is the object name which is to be used in your script in order to communicate with the ActiveX control or to invoke methods of the ActiveX control. Example:

```
<script language="VBScript">
<!--
Sub window_onLoad()
    cControl.connect()
end sub
-->
</script>
```

### Classid Attribute

You must not change the value for the `classid` attribute. This value identifies the ActiveX class.

### Codebase Attribute

Substitute `<URI>` with the URI (Universal Resource Indicator) to the file *NWWClientFull.cab*. For example:

```
codebase="http://www.myserver/NSW/NWWClientFull.cab#Version=5,2,1,0"
```

The *NWWClientFull.cab* file contains all files, including the ActiveX control, for running the Entire Screen Builder Web Viewer on the client side. This file is downloaded and decompressed for the browser when the HTML page is opened.

## Param Tag

With the `param` tag, you can set the values for a property of the control. The default values are used for those properties that have not been specified.

A detailed description for these properties can be found in the *Overview of Client Control Properties* which is part of the *User Exits* documentation.

See also: *HTTP Tunneling*.

## Other Attributes

The attributes `align`, `border`, `width` and `height` define the object's appearance in the browser. In the above code, the object is shown without a border. Its width is 800 pixels and its height is 600 pixels.

You can use all attributes that are supported for the `OBJECT` element. See your HTML documentation for further information.